IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.(Currently Amended) A method of recording an encoded bit stream, said encoded bit stream representing a plurality of video objects comprising a sequence of cells together constituting a part of an MPEG2 Program Stream, on a disc like record carrier, such as an optical disc, said method comprising the acts of:

recording a collection of contiguously arranged video objects in a video object storage area of said disc,

recording management information in a management information area of said disc for storing information about recorded video objects, wherein

~~said~~ objects, wherein said collection is partitioned into adjacent recordings that represent playable titles,

~~characterized by,~~

defining a playable title as a playback sequence of all

complete cells or a subset of complete cells of a recording in the

order of allocation within the video object storage area on the

disc, and

generating a title list of titles sorted in the order of

arrangement within the video object storage area on the disc.

2. (Currently Amended) A The method according to Claim 1,

characterized by further comprising the act of defining a free

space title that represent free space within the video object

storage area and including the free space title in the title list.

3. (Currently Amended) A The method according to Claim 2,

characterized by further comprising the act of blocking free space

titles for playback.

4. (Currently Amended) A The method according to Claim 3,

characterized by further comprising the act of converting a deleted

title to a free space title.

5.(Currently Amended) A~~The~~ method according to Claim 4,

~~characterized by~~ further comprising the act of generating a title

menu listing the titles in ~~the~~ a same order as in ~~the~~ a title table

for allowing user access to the titles.

6.(Currently Amended) A recording apparatus for recording an

encoded bit stream, representing a plurality of video objects

comprising a sequence of cells together constituting a part of an

MPEG2 Program Stream, on a disc like record carrier, such as an

optical disc, the recording apparatus comprises:

recording means for recording a collection of contiguously

arranged video objects in a video object storage area of said disc

and for recording management information in a management

information area of said disc for storing information about

recorded video objects, wherein said collection is partitioned into

adjacent recordings that represent playable titles, and

~~characterized in that, the recording apparatus comprises:~~

system control means adapted to define a playable title as a

playback sequence of all complete cells or a subset of complete

cells of a recording in the order of allocation within the video

object storage area on the disc and to generate a title list of

titles sorted in the order of arrangement within the video object

storage area on the disc.

7. (Currently Amended) A ~~The~~ recording apparatus according to

Claim 6, ~~characterized in that,~~ wherein the system control means

are adapted to define a free space title that represents free space

within the video object storage area and including the free space

title in the title list.

8. (Currently Amended) A ~~The~~ recording apparatus according to

Claim 7, ~~characterized in that,~~ wherein the system control means

are adapted to block free space titles for playback.

9. (Currently Amended) A ~~The~~ recording apparatus according to

Claim 8, ~~characterized in that,~~ wherein the system control means

are adapted to convert a deleted title to a free space title.

10. (Currently Amended) A ~~The~~ recording apparatus according to

Claim 9, ~~characterized in that,~~ wherein the system control means

are adapted to generate a title menu listing the titles in the same

order as in ~~the~~ a title table for allowing user access to the

titles and the recording means comprises output means for

displaying the title menu.

11. (Currently Amended) A The method according to Claim 1,

wherein the act of generating the title list of titles further

comprises the act of generating titles for both the playback

sequence of all complete cells and the subset of complete cells.

12. (Currently Amended) A The method according to Claim 11,

wherein the act of generating the title list of titles further

comprises the acts of:

defining a free space title that represent free space within

the video object storage area and including the free space title in

the title list; and

deleting at least one of the playback sequence of all complete

cells and converting the deleted sequence into the free space

title; and

wherein the free space title representing the deleted sequence

includes the title for the subset of complete cells.

13. (Currently Amended) A The method according to Claim 12, wherein the act of generating the title list of titles further comprises the acts of:

deleting multiple ones of the playback sequence of all complete cells; and

converting all of the deleted ones of the playback sequences and the respective subsets of complete cells into a single free space title.

14. (Currently Amended) A The recording apparatus according to Claim 6, wherein the system control means further generate the title list of titles for both the playback sequence of all complete cells and the subset of complete cells.

system control means adapted to define a playable title as a playback sequence of all complete cells or a subset of complete cells of a recording in the order of allocation within the video object storage area on the disc and to generate a title list of titles sorted in the order of arrangement within the video

~~object area on the disc~~ cells.

15. (Currently Amended) ~~A~~ The recording apparatus according to Claim 14, wherein the system control means generates a free space title representing free space within the video object storage area and including the free space title in the title list, deletes at least one of the playback sequence of all complete cells and converting the deleted sequence into the free space title, and wherein the free space title representing ~~the~~ a deleted sequence includes the title for the subset of complete cells.

16. (Currently Amended) ~~A~~ The recording apparatus according to Claim 15, wherein the system control means deletes multiple ones of the playback sequence of all complete cells, and converts all of the deleted ones of the playback sequences and the respective subsets of complete cells into a single free space title.

17. (Currently Amended) A recording apparatus for recording an encoded bit stream, representing a plurality of video objects comprising a sequence of cells together constituting a part of an

MPEG2 Program Stream, on an optical disc, comprising:

a recorder capable of recording a collection of video objects in a video object storage area of said disc and for recording management information in a management information area of said disc for storing information about recorded video objects, wherein said collection is partitioned into adjacent recordings that represent playable titles; and

a controller adapted to define a playable title as a playback sequence of all complete cells or a subset of complete cells of a recording in the order of allocation within the video object storage area on the disc and to generate a title list of titles sorted in the order of arrangement within the video object storage area on the disc, wherein each of the playback sequence of all complete cells and each of the subset of complete cells have their own title.

18.(Currently Amended) A The recording apparatus according to Claim 17, ~~characterized in that,~~ wherein the controller is adapted to define a free space title that represents free space within the video object storage area and including the free space title in the

title list.

19. (Currently Amended) A The recording apparatus according to Claim 17, ~~characterized in that,~~ wherein the controller is adapted to block free space titles for playback.

20. (Currently Amended) A The recording apparatus according to Claim 17, ~~characterized in that,~~ wherein the controller is adapted to convert a deleted title to a free space title.